



Technical Information (Working Pressure Derating Factor)

To calculate a working pressure derated for elevated temperature, multiply the hose working pressure shown in the catalog by the appropriate derating factor below.

Note: The working pressure of an assembly at elevated temperatures may be affected by fitting type, material, and method of attachment.

Temperature in Degrees F	Working Pressure Derating Factor				
	T321/T316L	T304	276	Carbon Steel	Bronze
70	1.00	1.00	1.00	1.00	1.00
150	0.97	0.96	1.00	0.99	0.92
200	0.94	0.92	1.00	0.97	0.89
250	0.92	0.91	1.00	0.96	0.86
300	0.88	0.86	0.94	0.93	0.83
350	0.86	0.85	0.92	0.91	0.81
400	0.83	0.82	0.90	0.87	0.78
450	0.81	0.80	0.90	0.86	0.75
500	0.78	0.77	0.89	0.81	
600	0.74	0.73	0.84	0.74	
700	0.70	0.69	0.79	0.66	
800	0.66	0.64	0.76	0.52	
900	0.62	0.58	0.74	0.50	
1000	0.60		0.72		
1100	0.58		0.49		
1200	0.55		0.32		
1300	0.50				
1400	0.44				
1500	0.40				